

## Interpretive Report: Introduction to USGS Bulletin 2142

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An interpretive report of thermal maturity patterns in Alaska was published in paper form in 1996 as USGS Bulletin 2142. This report, consisting of six papers by both USGS and non-USGS authors, presented detailed studies of most of the major sedimentary basin types found in Alaska: a forearc basin (Alaskan Peninsula), a large foreland basin (Colville Basin), and a tectonically dissected basin fragment (Kandik "basin"). In addition to the vitrinite reflectance and condont color alteration index data included elsewhere on this CD-ROM, these reports made use of many other varieties of thermal maturity data, including fluid-inclusions, oxygen isotopes, illite crystallinity, apatite fission-track, and heat flow data.

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